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Date: November 18, 2003

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Pages: 10 (including coversheet)

Re: LEX-0046-USA
App Serial Number: 09/671,050

CC: File

•Comments:

Pursuant to your request, please find attached a copy of the Sequence Listing as originally filed in the above-mentioned patent application. Please let me know if you need any further information.

SEQUENCE LISTING

<110> Donoho, Gregory
 Turner, C. Alexander Jr.
 Nehls, Michael
 Friedrich, Glenn
 Zambrowicz, Brian
 Sands, Arthur T.

<120> Novel Human Kinase Proteins and
 Polynucleotides Encoding the Same

<130> LEX-0046-USA

<150> US 60/156,511

<151> 1999-09-28

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<170> FastSEQ for Windows Version 4.0

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			20				25				30				
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Asn Leu Ile Glu Val Phe Arg Arg Lys Arg Lys Met His Leu Val Phe
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180          185          190
Glu Leu Leu Thr Gly Gln Pro Leu Trp Pro Gly Lys Ser Asp Val Asp
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Gln Leu Tyr Leu Ile Ile Arg Thr Leu Gly Lys Leu Ile Pro Arg His
210          215          220
Gln Ser Ile Phe Lys Ser Asn Gly Phe Phe His Gly Ile Ser Ile Pro
225          230          235          240
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245          250          255
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Asn Leu Ile Glu Val Phe Arg Arg Lys Arg Lys Met His Leu Val Phe
      65              70              75              80
Glu Tyr Cys Asp His Thr Leu Leu Asn Glu Leu Glu Arg Asn Pro Asn
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Ala Leu Asn Phe Cys His Ile His Asn Cys Ile His Arg Asp Ile Lys
      115             120             125
Pro Glu Asn Ile Leu Ile Thr Lys Gln Gly Ile Ile Lys Ile Cys Asp
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Phe Gly Phe Ala Gln Ile Leu Ser Trp Thr Ser Ser Phe Ser Gly Ala
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Ser Leu Ile Gly Leu Ile Val Asp Leu Leu Asn Ser Phe Ser Ala Asn
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Asn Leu Ile Glu Val Phe Arg Arg Lys Arg Lys Met His Leu Val Phe
 65          70          75          80
Glu Tyr Cys Asp His Thr Leu Leu Asn Glu Leu Glu Arg Asn Pro Asn
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Gly Val Ala Asp Gly Val Ile Lys Ser Val Leu Trp Gln Thr Leu Gln
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Ala Leu Asn Phe Cys His Ile His Asn Cys Ile His Arg Asp Ile Lys
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Pro Glu Asn Ile Leu Ile Thr Lys Gln Gly Ile Ile Lys Ile Cys Asp
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